

Title (en)

METHOD OF MEASURING COATING AMOUNT AND METHOD OF ESTIMATING ELUTION BEHAVIOR

Title (de)

VERFAHREN ZUR MESSUNG EINER BESCHICHTUNGSMENGE UND VERFAHREN ZUR SCHÄTZUNG DES ELUIERUNGSVERHALTENS

Title (fr)

PROCÉDÉ DE MESURE DE QUANTITÉ D'ENDUCTION ET PROCÉDÉ D'ÉVALUATION DU COMPORTEMENT D'ÉLUTION

Publication

EP 1857809 A4 20121121 (EN)

Application

EP 06713343 A 20060202

Priority

- JP 2006302200 W 20060202
- JP 2005027417 A 20050203

Abstract (en)

[origin: EP1857809A1] Evaluation methods that employ the near infrared spectrum have generally had a low specificity and in particular have encountered difficulty in the evaluation of trace components, and the accurate measurement of coating quantity by methods using the near infrared spectrum has been quite problematic. The quantity of coating applied to a coating target, such as granules or uncoated tablets, is measured based on the absorption or scattering of light in the 800 to 1100 nm wavelength region by an additive coated on the coating target. The use of polyethylene glycol or a long-chain hydrocarbyl-containing compound as the additive is preferred.

IPC 8 full level

G01N 21/35 (2014.01); **A61K 9/36** (2006.01); **A61K 47/10** (2006.01); **A61K 47/12** (2006.01); **A61K 47/14** (2006.01); **A61K 47/34** (2006.01); **A61K 47/38** (2006.01); **G01N 21/3563** (2014.01); **G01N 21/359** (2014.01); **G01N 33/15** (2006.01)

CPC (source: EP US)

A61J 3/005 (2013.01 - EP US); **G01N 21/3563** (2013.01 - EP US); **G01N 21/359** (2013.01 - EP US); **G01N 33/15** (2013.01 - EP US); **A61K 9/282** (2013.01 - EP US); **A61K 9/2846** (2013.01 - EP US); **A61K 9/2866** (2013.01 - EP US); **G01B 11/0625** (2013.01 - EP); **Y10T 428/2991** (2015.01 - EP US); **Y10T 428/31504** (2015.04 - EP US)

Citation (search report)

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- [AP] FREITAS M P ET AL: "Prediction of drug dissolution profiles from tablets using NIR diffuse reflectance spectroscopy: A rapid and nondestructive method", JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, NEW YORK, NY, US, vol. 39, no. 1-2, 1 September 2005 (2005-09-01), pages 17 - 21, XP027718919, ISSN: 0731-7085, [retrieved on 20050901]
- See also references of WO 2006083001A1

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EP3026391A1; EP3757508A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1857809 A1 20071121; **EP 1857809 A4 20121121**; CN 101107510 A 20080116; CN 101107510 B 20100519; JP 4800295 B2 20111026; JP WO2006083001 A1 20080626; US 2009269484 A1 20091029; US 8252362 B2 20120828; WO 2006083001 A1 20060810

DOCDB simple family (application)

EP 06713343 A 20060202; CN 200680002747 A 20060202; JP 2006302200 W 20060202; JP 2007501681 A 20060202; US 79476306 A 20060202